

INTERNATIONAL SEARCH REPORT

International Application No
PCT/CA 03/01312

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H02J3/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H02J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>ROY L ET AL: "Comparative study of two iterative schemes applied to decoupled load flow methods" ENERGY MANAGEMENT AND POWER DELIVERY, 1995. PROCEEDINGS OF EMPD '95., 1995 INTERNATIONAL CONFERENCE ON SINGAPORE 21-23 NOV. 1995, NEW YORK, NY, USA, IEEE, US, 21 November 1995 (1995-11-21), pages 277-282, XP010161556 ISBN: 0-7803-2981-3</p> <p style="text-align: center;">-/-</p>	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Z document member of the same patent family

Date of the actual completion of the international search

5 December 2003

Date of mailing of the international search report

28 MEI 2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>ROY L ET AL: "Fast super decoupled state estimator for power systems" IEEE TRANSACTIONS ON POWER SYSTEMS, NOV. 1997, IEEE, USA, vol. 12, no. 4, pages 1597-1603, XP002263973 ISSN: 0885-8950 the whole document</p> <p>---</p>	
A	<p>PATEL S B: "FAST SUPER DECOUPLED LOADFLOW" IEE PROCEEDINGS C. GENERATION, TRANSMISSION, DISTRIBUTION, INSTITUTION OF ELECTRICAL ENGINEERS. STEVENAGE, GB, vol. 139, no. 1, 1992, pages 13-20, XP000249444 ISSN: 0143-7046 cited in the application the whole document</p> <p>---</p>	
A	<p>CA 2 107 388 A (PATEL SURESHCHANDRA B) 10 May 1995 (1995-05-10) cited in the application the whole document</p> <p>---</p>	
A	<p>DAS J C: "Reactive power flow control and compensation in the industrial distribution systems" INDUSTRIAL AND COMMERCIAL POWER SYSTEMS TECHNICAL CONFERENCE, 1993. CONFERENCE RECORD, PAPERS PRESENTED AT THE 1993 ANNUAL MEETING ST. PETERSBURG, FL, USA 2-6 MAY 1993, NEW YORK, NY, USA, IEEE, US, 2 May 1993 (1993-05-02), pages 128-136, XP010110112 ISBN: 0-7803-0937-5 the whole document</p> <p>---</p>	4-11
A	<p>MOHAMED A ET AL: "Voltage contingency selection technique for security assessment" IEE PROCEEDINGS C (GENERATION, TRANSMISSION AND DISTRIBUTION), JAN. 1989, UK, vol. 136, no. 1, pages 24-28, XP002263969 ISSN: 0143-7046 page 25-28</p> <p>---</p> <p style="text-align: center;">-/--</p>	

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>MOHAMED A: "Performance comparisons of AC load-flow techniques for real time applications"</p> <p>IEE PROCEEDINGS C (GENERATION, TRANSMISSION AND DISTRIBUTION), SEPT. 1991, UK, vol. 138, no. 5, pages 457-461, XP002263980</p> <p>ISSN: 0143-7046</p> <p>the whole document</p> <p>---</p>	
A	<p>MOHAMED A ET AL: "Realistic power system security algorithm"</p> <p>IEE PROCEEDINGS C (GENERATION, TRANSMISSION AND DISTRIBUTION), MARCH 1988, UK, vol. 135, no. 2, pages 98-106, XP002263981</p> <p>ISSN: 0143-7046</p> <p>the whole document</p> <p>---</p>	
A	<p>US 5 081 591 A (HANWAY JAMES E ET AL)</p> <p>14 January 1992 (1992-01-14)</p> <p>cited in the application</p> <p>the whole document</p> <p>-----</p>	

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/CA 03/01312

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
CA 2107388	A	10-05-1995	CA	2107388 A1	10-05-1995
US 5081591	A	14-01-1992	FR	2658930 A1	30-08-1991
			JP	4217817 A	07-08-1992